

**WISCONSIN ELECTRIC POWER COMPANY**

Volume 19 – Electric Rates

Revision 1 Sheet 110.1

Amendment No. 729

Effective In All Areas Served In Wisconsin

Rate Schedule Cp 3S

**GENERAL PRIMARY SERVICE –EXPERIMENTAL SEASONAL CURTAILABLE**AVAILABILITY

To customers contracting for three-phase, 60 hertz power service at approximately 3,810 volts or higher with a minimum 100 kW of curtailable demand. If the curtailable load is on isolated and separately metered circuits, it will be treated as a separate service to the customer. Customers are required to remain on the selected on-peak period for at least one year. The Company reserves the right to limit participation to 30 customers or a maximum of 30 MW of curtailable demand. THIS RATE IS CLOSED TO NEW CUSTOMERS.

**R**RATE

Facilities Charge \$17.26027 per day

Demand ChargesFor Service at Primary Voltages

	Equal to or Less than <u>12,470 volts</u>	Greater than 12,470 volts and Less than <u>138,000 volts</u>	Equal to or Greater than <u>138,000 volts</u>
All billed on-peak demand, per kW	\$11.054	\$10.882	\$10.736
All customer maximum demand, per kW	\$1.02300	\$1.00700	\$0.00000

**R**

For Determination of Demand, see Sheet Nos. 110.3 through 110.5.

Energy ChargeFor Service at Primary Voltages

	Equal to or Less than <u>12,470 volts</u>	Greater than 12,470 volts and Less than <u>138,000 volts</u>	Equal to or Greater than <u>138,000 volts</u>
All on-peak energy, per kWh (a)	\$.07095	\$.06985	\$.06891
All off-peak energy, per kWh (b)	\$.05053	\$.04974	\$.04818

**R****R**

(a) General Primary on-peak energy usage is the energy in kilowatt hours delivered during the on-peak period selected by the customer. The two on-peak periods available are:

8:00 a.m. to 8:00 p.m.  
10:00 a.m. to 10:00 p.m.,

prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

(b) General Primary off-peak energy usage is the energy in kilowatt hours delivered during all hours other than on-peak hours.

(Continued to Sheet No. 110.2)

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**WISCONSIN ELECTRIC POWER COMPANY**

Volume 19 – Electric Rates

Revision 2 Sheet 110.2  
Amendment No. 738  
Rate Schedule Cp 3S

Effective In All Areas Served In Wisconsin

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**GENERAL PRIMARY SERVICE –EXPERIMENTAL SEASONAL CURTAILABLE**

(Continued from Sheet No. 110.1)

Curtailable Service Credits (Available April 1 through September 30)

The customer shall receive a credit of \$2.00 per kW for all curtailable demand during a billing period. For determination of curtailable demand, see sheet number 110.4.

Adjustment for Cost of Fuel

See Sheet Nos. 19 and 20.

Minimum Charge

The monthly minimum charge shall be the facilities charge plus the greater of the charge for 300 kilowatts of billed on-peak demand or the minimum demand charge stated in the contract plus the greater of the charge for 300 kilowatts of customer maximum demand or the customer's maximum demand. New customers shall contract for not less than 300 kilowatts of billed on-peak demand. Auxiliary service shall be as provided in Paragraph 5 of Cp 1, Conditions of Delivery.

Late Payment Charge

A one percent (1%) per month late payment charge will be applied to outstanding charges past due.

CONDITIONS OF DELIVERY

See Sheet Nos. 110.5 through 110.7.

(Continued to Sheet No. 110.3)

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**WISCONSIN ELECTRIC POWER COMPANY**

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Revision 0 Sheet 110.3

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Effective In All Areas Served In Wisconsin

Rate Schedule Cp 3S

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**GENERAL PRIMARY SERVICE –EXPERIMENTAL SEASONAL CURTAILABLE**

(Continued from Sheet No. 110.2)

DETERMINATIONS OF DEMAND

(1) Measured Demands

- (a) Measured demand shall be the average rate at which energy is used for a period of 15 consecutive minutes as ascertained by a watt-hour meter and an associated electronic recorder or other standard measuring device.
- (b) Measured on-peak demand shall be the maximum measured demand established during on-peak hours within the billing period. Unless specified to the contrary in writing by six months prior written notice to customer, provided the on-peak period does not exceed twelve hours per day, on-peak hours shall be from 8:00 a.m. to 8:00 p.m. or from 10:00 a.m. to 10:00 p.m., as selected by the customer, prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
- (c) Measured off-peak demand shall be the maximum demand within the billing period which is established during off-peak hours for the billing period. Off-peak hours are those hours not designated as on-peak hours.
- (d) Customer maximum demand shall be the maximum measured demand, not adjusted for power factor, which occurs during either the on or off-peak period, in the current or preceding 11 billing periods.

(2) Billed Demands

The billed on-peak demand charges herein are based on a standard power factor of 85 percent and shall be determined by the following formula:

- (a) For power factors at 85%  
Billed on-peak demand = measured on-peak demand
- (b) For power factors below 85%  
Billed on-peak demand =  
(measured on-peak demand) [1 + (0.65)(0.85 – peak power factor)]
- (c) For power factors above 85%  
Billed on-peak demand =  
(measured on-peak demand) [1 – (0.5)(peak power factor – 0.85)]

(Continued to Sheet No. 110.4)

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**WISCONSIN ELECTRIC POWER COMPANY**

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Rate Schedule Cp 3S

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**GENERAL PRIMARY SERVICE –EXPERIMENTAL SEASONAL CURTAILABLE**

(Continued from Sheet No. 110.3)

DETERMINATIONS OF DEMAND (contd)

(2) Billed Demands (contd)

The peak power factor shall be calculated from the kilowatt hours “A”, as obtained from the watt-hour meter, and the use of lagging kilovolt-ampere reactive hours “B”, as obtained from a ratcheted reactive component meter, which are used during the same 15 minute period in which the maximum measured on-peak demand occurs by the following formula:

$$\text{Peak power factor} = A \text{ divided by square root of } (A^2 + B^2)$$

(3) Contract Firm Demand

Customers served under this rate must enter into a contract before the curtailment season begins that specifies a contract firm demand level. The customer may renominate a contract firm demand once during a calendar year subject to approval by the Company. Within one hour of being notified to curtail by the Company, the customer must curtail demand to or below the contract firm demand level and remain at or below the contract firm demand until the customer is notified that the curtailment period has ended.

(4) Curtable Demand

If the billed on-peak demand is greater than the contract firm demand, then the curtable demand is equal to the difference between the billed on-peak demand and the contract firm demand. If the billed on-peak demand is less than or equal to the contract firm demand, then the curtable demand is zero.

(5) New Equipment Testing Demand

Any customer installing new equipment requiring on-peak testing, may request adjustment of billed on-peak demands, for a period not to exceed 120 continuous days, when testing loads have on-peak hours of use less than 100. Where a customer so requests and has provided, to the approval of the Company, isolation of the testing load and payment of all costs of metering (sub-metering), the monthly billed on-peak demands during pre-approved testing periods will be adjusted by the application of the following formula:

$$\text{Billed on-peak Demand} = A + B, \text{ where}$$

A = The difference between total Company supplied power, as measured at the point of the customer's interconnection with the Company, and the separately metered test load.

(Continued to Sheet No. 110.5)

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**GENERAL PRIMARY SERVICE –EXPERIMENTAL SEASONAL CURTAILABLE**

(Continued from Sheet No. 110.4)

DETERMINATIONS OF DEMAND (contd)

(5) New Equipment Testing Demand (contd)

B = The difference between measured on-peak demand adjusted for power factors as determined in (2) above and A as calculated above, multiplied by a factor of [(on-peak hours of use x .0075) + .25]

During the pre-approved testing period, there will be no adjustment for the customer maximum demand occurring during the billing period, however, the customer maximum demand during this period will not be used in establishing the 12 month ratchet.

CONDITIONS OF DELIVERY

- (1) General Primary – Time-of-Use, Rate Schedule Cp 1, Conditions of Delivery apply.
- (2) The customer must execute a contract with the Company which specifies that the customer may withdraw from this rate in only by giving written notice to the Company during the period October 1 to October 31. In the absence of such notice, the customer must remain on this rate through the end of the following curtailment season. If the customer withdraws or is removed by the Company for cause as outlined in paragraphs 3 and 4, any unpaid curtailable service credits shall be forfeited. R
- (3) The Company may remove the customer from the rate upon thirty days prior written notice to the customer or at any time in the event the customer fails to comply with two curtailment requests during any year. In this event, the customer will forfeit any unpaid curtailable service credits.
- (4) If the customer's curtailable demand is less than that specified in the availability clause for any three months of a curtailment season, the Company may suspend service under this rate and thereafter serve the customer under the appropriate rate. In this event, the customer will forfeit any unpaid curtailable service credits. R
- (5) For purposes of determining the customer's eligibility for this rate, the customer's curtailable demand will be the difference between the customer's maximum billed on-peak demand during the last consecutive twelve month period and the customer's proposed contract firm demand level. Curtailable service under this rate may be refused if the Company believes the load to be curtailed will not provide adequate load reduction when the Company desires curtailment. The Company will notify the customer of the Company's refusal to provide service under this rate and the Company will inform the customer of the customer's right to ask for a Commission review of the Company's refusal of service. R

(Continued to Sheet No. 110.6)

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**WISCONSIN ELECTRIC POWER COMPANY**

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Rate Schedule Cp 3S

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**GENERAL PRIMARY SERVICE –EXPERIMENTAL SEASONAL CURTAILABLE**

(Continued from Sheet No. 110.5)

CONDITIONS OF DELIVERY (contd)

- (6) Service under this rate shall be subject to curtailment at the sole discretion of the Company during the curtailment season. The curtailment season shall be from April 1 through September 30 inclusive each calendar year. There will be no more than 20 curtailments and no more than 100 hours of curtailment in any calendar year. The Company will limit the duration of any one curtailment to eight (8) hours between the hours of 8:00 a.m. and 10:00 p.m. prevailing time, Monday through Friday (excluding designated holidays previously stated). Interruptions due to lightning, wind, and other physical causes other than intentional curtailment by the Company shall not be considered in determining the hours of curtailment.
- (7) The customer shall be charged a penalty for each occurrence in which the customer fails to curtail load during a curtailment period. The penalty shall be two dollars (\$2.00) per kilowatt of maximum measured demand recorded during the curtailment period which is above the customer's contract firm demand. The Company may suspend service under this rate and thereafter serve the customer under the appropriate rate if the customer fails to curtail service twice in any consecutive twelve month period.
- (8) The Company will furnish, install and maintain all equipment, metering, signaling devices, data monitoring and related devices necessary for the customer to participate in this rate. However, the Company will not directly control the operation of such equipment at the customer's facility. The Company will provide training in the operation of such equipment to the customer's employees.
- (9) The Company shall have the right at any reasonable time to enter the customer's premises for the purpose of installation, inspection, repair, replacement or removal of such equipment. The customer shall bear all risk of loss, damage, theft, or destruction of such equipment.
- (10) Title to such equipment shall remain in the Company and such equipment shall not become a part of the realty or a fixture, but at all times shall be and remain the personal property of the Company regardless of the manner of installation in or attachment to the premises. The Company shall have the right, but not the obligation, to remove such equipment if the customer is no longer served under this rate.
- (11) The customer shall, at the Company's request, participate in an unpaid testing of the dispatch/notification system during the month prior to commencement of the customer on this rate. This test will not include an actual curtailment of operation of any equipment of the customer.

(Continued to Sheet No. 110.7)

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**GENERAL PRIMARY SERVICE –EXPERIMENTAL SEASONAL CURTAILABLE**

(Continued from Sheet No. 110.6)

CONDITIONS OF DELIVERY (contd)

- (12) The customer's circuits are to be arranged so that none of the curtailable demand can be transferred to service furnished under any other rate.
- (13) Should the customer, because of fire, strike, demonstrations, casualties, civil or military authority, insurrection or riot, the actions of the elements, or any other like causes beyond its control, be prevented from utilizing the power service contracted for, the Company will waive paragraph 4 of these Conditions of Delivery for such period; provided, however, that the period of time of such suspension of use of power shall be added to the period of the contract; and further, provided that the customer notifies the Company in writing within six days of its inability to use said power service, specifying reasons therefore. **R**
- (14) The Company shall not be liable for any damages sustained by customer because of interruption, deficiencies, or imperfections of electric service provided under this rate.
- (15) Curtailable service shall not be used as standby for any other forms of energy or fuel. Customers with their own generating equipment shall be required to separately meter such equipment or demonstrate the separation of curtailable loads from the generation output.

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